

Illuminating the Path to Energy Savings: Solid-State Lighting

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The Macro Perspective

- National Energy Consumption
- Electricity Production
- Lighting Energy Consumption
 - 8% of Energy
 - 22% of Electricity





EERE Mission

Office of Energy Efficiency and Renewable Energy Mission Statement

The EERE mission is to strengthen America's energy security, environmental quality, and economic vitality in public-private partnerships that: enhance energy efficiency and productivity; bring clean, reliable and affordable energy technologies to the marketplace; and make a difference in the everyday lives of Americans by enhancing their energy choices and their quality of life.

Building Technologies Program Mission

Building Technologies Program Mission Statement

To create technologies and design approaches that enable netzero energy buildings at low incremental cost by 2025. A net zero energy building is a residential or commercial building with greatly reduced needs for energy through efficiency gains, with the balance of energy needs supplied by renewable technologies. These efficiency gains will have application to buildings constructed before 2025 resulting in a substantial reduction in energy use throughout the sector.

Examples of SSL Applications Today







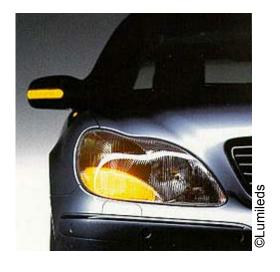




















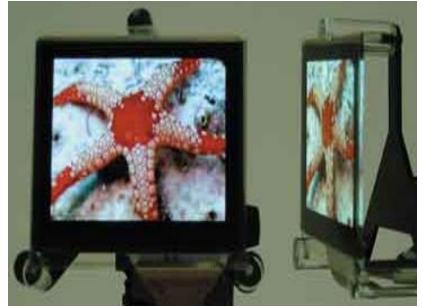
Olntercept Technology EVP

Compelling Benefits of SSL Technology

Light Emitting Diodes

Organic Light Emitting Diodes





Kodak

How do we get there from here?

- Government Industry R&D Partnership
- Cooperation to solve problems
 - Prioritize
 - Accelerate R&D
 - Niche Markets
 - Products
 - General Illumination

Thank you for your time and participation in this Workshop